

OBJECTIVES

- To evaluate the efficacy of biopesticides against cotton pests under field conditions
- To develop organic pesticide methodologies for some specific cotton pests



TREATMENTS

- Untreated control
- · Metarhizium anispoliae
- Eco-Bb
- Nomuraea rileyi
- Btk
- Pyrol



METHODS

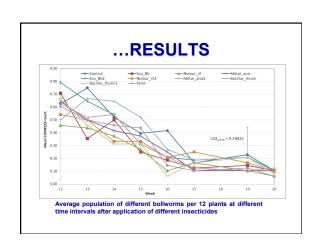
- · Trial was planted on 24 October 2011
- · 4 replications using DeltaOPAL
- · Treatments diluted into 2L of water
- · 6 applications fortnightly
- · Weekly scouting for bollworms
- · Weekly rating for jassids
- · Seed cotton yields determined

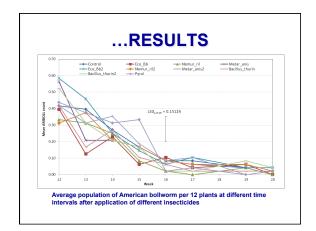


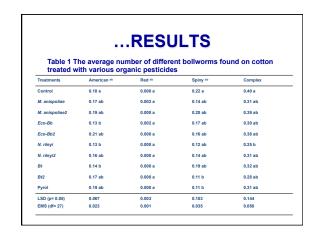
RESULTS

- All the treatments exhibited high leafhopper damage
- Bollworm levels were below the threshold level
- Average seed cotton yield of 3.5 t/ha was obtained









CONCLUSION

- Treatments had some impact on bollworm control
- No control on leafhopper populations
- More efforts is needed to control weeds at pre and post germination



